# The White House Closing the Circle Awards 2007 Nominations

**Agency:** Department of Energy

**Field Activity:** Federal Energy Management Program (FEMP)

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**Award Category:** Sustainable Design/Green Buildings

**Nominees:** On behalf of the ISWG, nominees include:

Matthew Gray, Department of Energy, Office of Energy Efficiency and Renewable Energy, Federal Energy Management Program

Anne Crawley, Department of Energy, Office of Energy Efficiency and Renewable Energy, Federal Energy Management Program

Beverly Dyer, Department of Energy, Office of Energy Efficiency and Renewable Energy, Office of Planning, Budget, and Analysis

**Title:** The Interagency Sustainability Working Group: Creating High

Performance Buildings through Innovative Policy

#### **Nomination Abstract:**

The Federal government consists of approximately 500,000 Federal buildings. This represents an enormous opportunity to transfer sustainable building technologies and practices on a large scale, thereby transforming the marketplace. Specifically, Part 4 of Section 403 in Executive Order 13123 – Greening the Government through Efficient Energy Management – requires agencies to develop and apply sustainable design principles in Federal facilities. To ensure the practice of sustainable building design across the Federal Government, the Department of Energy (DOE) established the Interagency Sustainability Working Group (ISWG) in September 2001 as a working group under the existing Interagency Energy Management Task Force; both the Task Force and ISWG are coordinated by DOE's Office of the Federal Energy Management Program (FEMP).

In fiscal year (FY) 2006, the ISWG, with representation from 19 Federal departments and agencies, successfully supported the implementation of sustainable design practices in Federal facilities by:

- Serving as a forum for the exchange of information within the Federal Government on individual Agency sustainable design activities;
- Supporting 19 agencies in sending high-level representatives to the "White House Summit on Federal Sustainable Buildings" that took place on January 24-25, 2006. The agencies signed the Memorandum of Understanding (MOU) on Federal Leadership in High-Performance and Sustainable Buildings, which the ISWG drafted and submitted to the Office of the Federal Environmental Executive (OFEE) at the end of FY 2005 and the beginning of FY 2006;
- Developing the Technical Guidance for Implementing the MOU on Federal Leadership in High-Performance and Sustainable Buildings; and
- Developing the Model Program Implementation Plan for the MOU on Federal Leadership in High-Performance and Sustainable Buildings.

#### **Nomination Description:**

Meeting the sustainability goals of the MOU is a huge undertaking. Many Federal agencies have independently developed policies to promote sustainable design and operation at their facilities. The ISWG recognized however, that in order for the Federal sector to fully embrace sustainability in the built environment, a coordinated policy among agencies was crucial. By acting as a forum for information exchange and policy development with Federal agencies that support sustainable building design practices, The ISWG successfully developed the Guiding Principles that serve as the foundation of the MOU for Federal Leadership in High-Performance and Sustainable Buildings. Signatory agencies to the MOU commit to Federal leadership in the design, construction, and operation of high-performance and sustainable buildings. After supporting the historic White House Summit on Federal Sustainable Buildings, the ISWG has continued to provide leadership by developing both technical guidance and a Model Implementation Plan for implementing the MOU. The ISWG has therefore been

nominated for the Closing the Circle Award for its performance in innovatively implementing sustainable building design practices in Federal facilities. The accomplishments of ISWG are highlighted below:

#### **Interagency Networking**

Participation in the ISWG ranges from 40 to 50 "active" members (out of a total of approximately 300 members registered in the ISWG database), representing 19 Federal departments and agencies. The group also consists of selected members from the private sector, industry, and academia. The ISWG meets six times a year on a bi-monthly basis in Washington, DC. Subcommittee meetings occur as necessary. The current Federal membership includes: Department of Agriculture, Department of Commerce, Department of Defense, Department of Energy, Department of Health and Human Services, Department of Justice, Department of Interior, Department of State, Department of Treasury, Department of Transportation, Environmental Protection Agency, General Accounting Office, General Services Administration, National Aeronautics and Space Administration, Office of the Federal Environmental Executive, Office of Management and Budget, Postal Service, Smithsonian Institute, and the White House Task Force on Recycling.

The bi-monthly ISWG meetings focus on roundtable announcements of agency-wide sustainable design projects and policies, presentations by Federal and private sector officials related to sustainable design, progress reports from subcommittees, and the planning of future ISWG activities. Meeting reports summarize meeting discussion and presentations as well as provide a listing of future conferences, workshops, and training programs related to sustainable design. Agency-wide accomplishments are summarized, tracked and distributed to the ISWG membership. The ISWG Intranet web site (<a href="http://www.eere.energy.gov/femp/technologies/sustainable\_workinggroup.cfm">http://www.eere.energy.gov/femp/technologies/sustainable\_workinggroup.cfm</a>) allows Federal agencies to post sensitive agency-sponsored sustainable design information for member review and comment. Through this and other means, the ISWG initiates and participates in the review and evaluation of Federal reports and programs dealing with sustainable design. Also, the ISWG often conducts its meetings at Federal green buildings in the DC area. This allows for facility tours in conjunction with the meeting, giving Federal representatives valuable first-hand insight of innovative sustainable design practices.

The interagency networking activities of ISWG provide a vital role in expanding sustainable design tools and lessons learned amongst Federal facilities. Membership is free and any Federal member can join. Federal representatives recognize the value of the ISWG, which is verified with its membership increasing from 25 members in 2001 to approximately 300 members in 2006.

#### MOU on Federal Leadership in High-Performance and Sustainable Buildings

In FY 2003, the ISWG initiated an effort to develop a formal commitment between agencies to implement sustainable building design practices in the form of an interagency

MOU on Federal Leadership in High-Performance and Sustainable Buildings. The MOU was created to implement common strategies for planning, acquiring, siting, designing, building, operating, and maintaining high-performance and sustainable buildings. The MOU commits agencies to meet five sustainable Guiding Principles for integrated design, energy performance, water conservation, indoor environmental quality, and materials.

In FY 2006, the ISWG collaborated with OFEE to promote the MOU. OFEE championed the MOU by conducting a White House Summit on Federal Sustainable Buildings at the White House Conference Center in Washington, D.C. The Summit, which took place on January 24-25, 2006, was a resounding success. A total of 19 Federal agencies signed the MOU that commits them to incorporate and adopt, as appropriate and practical, the five Guiding Principles into existing agency policy and guidance within 180 days of signature. The signing of the MOU marks the first interagency effort supporting sustainable design practices in Federal facilities. As such, it represents a historic step in creating a sustainable Federal Government.

## <u>Technical Guidance for Implementing the MOU on Federal Leadership in High-Performance and Sustainable Buildings</u>

To provide the necessary guidance for implementing Federal green buildings, the MOU states that the ISWG "will provide technical guidance and updates for the Guiding Principles." In January 2006, the ISWG responded by forming the "Technical Guidance Task Group (TG2)" to develop the Technical Guidance document. TG2 membership consisted of representatives from Federal agencies including the Environmental Protection Agency; Department of Energy's Federal Energy Management Program; Tennessee Valley Authority; Department of Defense, including the Pentagon, Army, Naval Facilities Engineering Command, and Navy; Department of Interior's Fish and Wildlife Service; General Services Administration; Health and Human Services; Office of the Federal Environmental Executive; and Smithsonian Institution. TG2 also consisted of members from national laboratories including Lawrence Berkeley National Laboratory, Pacific Northwest National Laboratory, and the National Renewable Energy Laboratory.

In June 2006, TG2 completed and posted the technical guidance document on the Whole Building Design Guide (<a href="http://www.wbdg.org/sustainablemou/">http://www.wbdg.org/sustainablemou/</a>). The technical guidance is a compilation of resources that offer practical advice for designing, operating, commissioning, and monitoring sustainable new buildings and major renovations in the Federal sector. The Technical Guidance document has been instrumental in assisting Federal representatives to fulfill the MOU guiding principles.

## Model Program Implementation Plan for the MOU on Federal Leadership in High-Performance and Sustainable Buildings

The MOU states that "the Office of the Federal Environmental Executive will work with the ISWG and Federal Green Building Council to develop methods of reporting on progress towards this MOU in a manner that is least burdensome to the agencies." In response, the ISWG collaborated with OFEE from June 2006 to November 2006 to develop a Model Program Implementation Plan for the MOU.

The model plan is a sample process or checklist that Federal agencies can use as a starting point in the development of their agency's High Performance and Sustainable Buildings Program. The plan has been successful in helping agencies meet the objectives of the Guiding Principles for Federal Leadership in High Performance and Sustainable Buildings. As agencies continue to implement the MOU in years to come, the ISWG and its vast network of green building expertise will be there to provide the guidance needed for success.

#### Benefits

ISWG played an educational, analytical, and networking resource role in leading and guiding Federal partners to incorporate sustainable building design practices into their Federal facilities. In FY 2007, this took shape in the development and implementation of the MOU. ISWG will continue to fulfill this leadership role in 2007 by:

- Assisting Federal partners in implementing the MOU on Federal Leadership in High Performance and Sustainable Buildings
- Developing guidelines on data reporting metrics for Federal high performance buildings
- Measuring and tracking the environmental and economic benefits of Federal high performance buildings
- Reviewing the Notice of Proposed Rule on Sustainability and Water Used to Achieve Energy Efficiency in Federal Buildings
- Reviewing the Draft Standard 189 Working Draft 0.5 for High Performance Green Buildings developed by ASHRAE, IES, and the USGBC.
- Supporting the 2007 White House Summit on Sustainable Building Design (or alternative title)
- Integrating with City- and County-level green building initiatives
- Addressing the financial and budgetary barriers to incorporating life cycle costing into building design
- Hosting presentations on topics such as sustainable recommissioning, best practices for post-occupancy evaluations, and construction waste recycling

Below is a list of presentations provided by the Interagency Sustainability Working Group from September 2001 to April 2007:

### PRESENTATIONS

Date	Topic	Speaker
9-26-01	Building Technology Roadmaps; Sustainability versus Security	Mark Ginsberg, Deputy Assistant Secretary; Office of Building Technology, State and Community Programs; U.S. Department of Energy
9-26-01	Overview of the Federal Facilities Council and its Sustainable Design Activities	Lynda Stanley, Executive Director, Federal Facilities Council
9-26-01	Federal Agency Benchmarking Activities of the National Aeronautics and Space Administration	Pedro Colon, National Aeronautics and Space Administration
9-26-01	Overview of the Federal Network for Sustainability	Helen English, Steven Winters Associates Management Support
9-26-01	NAVAC Contract Language	Mike Chapman, Naval Facilities Engineering Command
11-07-01	Update on LEED Rating System	Satish Kumar, Lawrence Berkeley National Laboratory
11-07-01	Indoor Health and Productivity (IHP)	Satish Kumar, Lawrence Berkeley National Laboratory
11-07-01	Update on the Federal Network for Sustainability	Al Hurt, Federal Network for Sustainability
11-07-01	Developing FEMP & PNNL Draft Business Case Development for Sustainability Report – Update 1	Marylynn Placet, Pacific Northwest National Laboratory
12-11-01	Update on LEED Rating System	Steve Keppler, Enverity (formerly with the U.S. Green Building Council)
12-11-01	Energy Management at the Pentagon	Bob Billak, Pentagon Energy Manager, Department of Defense (DOD)
12-11-01	Introduction to the Interagency Sustainability Working Group Website	Sara Farrar-Nagy, National Renewable Energy Laboratory (NREL)
12-11-01	Update on Business Case Development for Sustainability	Marylynn Placet, Pacific Northwest National Laboratory (PNNL)
2-06-02	Building Investment Designer Support Tool	Satish Kumar, Lawrence Berkeley National Laboratory (LBNL)
Date	Topic	Speaker

2-06-02	Update on the first meeting of the Renewable Power Purchasing Sub Group	Chandra Shah, National Renewable Energy Laboratory (NREL)
2-06-02	Developing a Business Case for Sustainable (High Performance) Facilities in the Federal Sector – Update 2	Marylynn Placet, Pacific Northwest National Laboratory (PNNL)
3-20-02	Summary of the Owens Corning Energy Management Program	Peter Garforth, Owens Corning
4-10-02	Ten Ways to Help Ensure that Federal Buildings are Truly Sustainable	Rick Diamond, Lawrence Berkeley National Laboratory (LBNL) and Mike MacDonald, Oak Ridge National Laboratory (ORNL)
4-10-02	EnergyStar® for New Buildings	Mike MacDonald, Oak Ridge National Laboratory (ORNL)
4-10-02	Update on Developing a Business Case for Sustainable (High Performance) Facilities in the Federal Sector – Update 3	Marylynn Placet, Pacific Northwest National Laboratory (PNNL)
4-10-02	Update on Research Work and a Database of Case Studies from DOE's High Performance Buildings Research Program	Dru Crawley, Department of Energy's Office of Building Technology, State and Community Programs
4-10-02	The Public Building Service (PBS) Research Program Investigates "People, Process & Place	Kevin Kampschroer, General Services Administration
6-12-02	Rocky Mountain Institutes' Green Development Program	Bill Browning, Rocky Mountain Institute
8-07-02	Improving Federal Environmental Stewardship	John Howard Jr., the Office of the Federal Environmental Executive
10-20-02	Department of States' Combined Security & Sustainability Efforts	Mark Hughes & Wayne Ashbery, Department of State
10-20-02	Feedback on Draft ISWG's Report, The Business Case for Sustainable Design in Federal Facilities	Beverly Dyer, Federal Energy Management Program, Department of Energy
12-04-02	FEMP's Operations and Management (O&M) Program	Ab Ream, Federal Energy Management Program
12-04-02	HOK's Designers' Perspective Experience on Implementing Sustainable Design	Lisa McCabe, HOK Sustainable Design
12-04-02	EPA's Environmentally Preferable Purchasing Program (EPP)	Alison Kinn, Environmental Protection Agency
12-04-02	Preliminary Findings of the Sustainable Federal Facilities Business Case Workshop - November 19, 2002,	Anne Crawley, Federal Energy Management Program
12-04-02	West Coast Federal Network for Sustainability (FNS)	Cheri Sayer, Department of Energy's Seattle Regional Office
3-26-03	Present and future status of LEED & Efforts to Organize and Make More Accessible the Growing Literature on Sustainable Design and Construction Policies and Guidelines	Jeff Harris and Christopher Payne, LBNL
3-26-03	Office of the Federal Environmental Executives Green Building Initiatives	Charles Johnson, OFEE
3-26-03	Update on FEMP's Draft Business Case for Sustainable Design Fact Sheet and Report	Beverly Dyer and Anne Crawley, FEMP
Date	Topic	Speaker

And Air-Conditioning Engineers (ASHRAE  4-23-03 Federal Involvement in LEED Committees  4-23-03 New Buildings Institute Advanced Building Guidelines  4-23-03 New Buildings Institute Advanced Building Guidelines  4-23-03 High Performance Buildings Database  4-23-03 High Performance Buildings Database  6-18-03 Planning, Budgeting, Acquisition & Management of Capital Assets  6-18-03 Status on H.R. 6 - Energy Policy Act of 2003 Energy Management Department of Energy  6-18-03 Status on H.R. 6 - Energy Policy Act of 2003 Energy Management Program, DOE  10-15-03 Status on H.R. 6 - Energy Policy Act of 2003 Energy Management Program, DOE  10-15-03 Report on the Federal Commitment to Green Building: Experiences and Expectations  10-15-03 Protocols and Indicators for Sustainable Design Guide  10-15-03 Overview on the December 4th Meeting of the Federal Green Building Council  12-17-03 Overview on the December 4th Meeting of the Federal Green Building Council  12-17-04 Interagency Sustainability Working Group's Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings  2-04-04 Update on Leadership in Energy and Environmental Design (LEED) Activities  2-04-04 Update on Leadership in Energy and Environmental Design (LEED) Activities  2-04-04 Update on Leadership in Energy and Environmental Design (LEED) Activities  4-07-04 Update on the American Society of Heating, Refrigerating, and Air-Conditioning Engineers Relations Program Building Suildings Federal Green Building Council  4-07-04 Update on the Office of the Environmental Executive Federal Green Building Council  4-07-04 Update on the Office of the Environmental Executive Federal Representatives  3-2327, Federal Real Property Management  4-07-04 Update on the Activities of the Interagency Sustainability Working Group's Sub-Working Group, Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings  Dennis Talton, NAVFAC  Dennis Talton, NAVFAC	3-26-03	Sustainability Efforts and Future Plans of ASHRAE	Terry Townsend, American Society of Heating, Refrigerating
A-23-03   New Buildings Institute Advanced Building Guidelines   Jim Edelson, Project Manager, New Buildings Institute   Advanced Building Guidelines   Jim Edelson, Project Manager, New Buildings Institute   Dru Crawley, Building Technologies Program, Department of Energy   Cyndi Vallina, Office of Management of Energy   Cyndi Vallina, Office of Management and Budget (OMB)   Beth Shearer, Director Federal Energy Management Program, DOE   Status on H.R. 6 - Energy Policy Act of 2003   Beth Shearer, Director Federal Energy Management Program, DOE   Sheila Hayter, National Renewable Energy Laboratory   Charles Johnson, OFEE   Speriences and Expectations   Overview on the Federal Commitment to Green Buildings   Anne Crawley, FEMP, DOE and Joel Todd, consultant   Joel Todd, Consultant   John Howard, OFEE   Overview on the December 4th Meeting of the Federal Green Building Council   John Howard, OFEE   Johnson, OFEE			and Air-Conditioning Engineers
New Buildings Institute	4-23-03	Federal Involvement in LEED Committees	Berkeley National Laboratory
Technologies Program, Department of Energy  Flanning, Budgeting, Acquisition & Management of Capital Assets  10-15-03 Status on H.R. 6 – Energy Policy Act of 2003  Beth Shearer, Director Federal Energy Management and Budget (OMB)  Beth Shearer, Director Federal Energy Management Program, DOE  Sheila Hayter, National Renewable Energy Laboratory  Charles Johnson, OFEE Experiences and Expectations  10-15-03 Protocols and Indicators for Sustainable Buildings Experiences and Expectations  10-15-03 Protocols and Indicators for Sustainable Buildings  Charles Johnson, OFEE Experiences and Expectations  10-15-03 Protocols and Indicators for Sustainable Buildings  10-15-04 Protocols and Indicators for Sustainable Buildings  2-04-04 Interagency Sustainability Working Group's Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings  2-04-04 DOE Process for New Construction  2-04-04 Update on Leadership in Energy and Environmental Design (LEED) Activities  2-04-04 Update on the American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE) Special Project-102 (SP-102) and the New Building Institute (NBI) E-Benchmark <sup>TM</sup> Energy Guidance for Buildings  4-07-04 Update on the Office of the Environmental Executive Federal Green Building Council  4-07-04 Update on Senator Jeffords draft bill, High- Performance Green Building Act and Executive Order 13327, Federal Real Property Management  4-07-04 Update on the Activities of the Interagency Sustainability Working Group's Sub-Working Group, Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings  Dennis Talton, NAVFAC	4-23-03	New Buildings Institute Advanced Building Guidelines	
Cyndi Vallina, Office of Management of Capital Assets	4-23-03	High Performance Buildings Database	Technologies Program,
Energy Management Program, DOE	6-18-03		Cyndi Vallina, Office of
Renewable Energy Laboratory   Renewable Energy Laboratory   Report on the Federal Commitment to Green Building: Experiences and Expectations   Charles Johnson, OFEE	10-15-03	Status on H.R. 6 – Energy Policy Act of 2003	Energy Management Program,
10-15-03 Report on the Federal Commitment to Green Building: Experiences and Expectations  10-15-03 Protocols and Indicators for Sustainable Buildings  Dentity FEMP, DOE and Joel Todd, consultant  12-17-03 Overview on the December 4th Meeting of the Federal Green Building Council  12-04-04 Interagency Sustainability Working Group's Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings  2-04-04 DOE Process for New Construction  2-04-04 Update on Leadership in Energy and Environmental Design (LEED) Activities  1-04-04 Update on the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Special Project-102 (SP-102) and the New Building Institute (NBI) E-Benchmark™ Energy Guidance for Buildings  4-07-04 Update on the Office of the Environmental Executive Federal Green Building Council  4-07-04 Green Seal's Work with Federal Facilities Arthur B. Weissman, Green Seal  4-07-04 Update on Senator Jeffords draft bill, High-Performance Green Building Act and Executive Order 13327, Federal Real Property Management  4-07-04 Update on the Activities of the Interagency Sustainability Working Group, Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings  Charles Johnson, OFEE  Anne Crawley, EMPP, DOE and Joel Todd, consultant  John Howard, OFEE  Christopher Payne, LBNL  Christopher Payne, LBNL  Christopher Payne, LBNL  Christopher Payne, LBNL  Defit Harris, LBNL  Self Harris, LBNL  Applied Harris, LBNL  Seff Harris, LBNL  Applied Harris, LBNL  Seff Harris, LBNL  Applied Harris, LBNL  Seff Harris, LBNL  Seff Harris, LBNL  Applied Harris, LBNL  Seff Harris, LBNL	10-15-03		
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Green Building Council   Interagency Sustainability Working Group's   Memorandum of Understanding (MOU) for Federal   Leadership in High-Performance Buildings   Dennis Talton, NAVFAC	10-15-03	Protocols and Indicators for Sustainable Buildings	
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2-04-04	2-04-04	Memorandum of Understanding (MOU) for Federal	Dennis Talton, NAVFAC
2-04-04	2-04-04	DOE Process for New Construction	Walter Howes, DOE
2-04-04	2-04-04		Christopher Payne, LBNL
Administration  4-07-04	2-04-04	Update on the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Special Project-102 (SP-102) and the New Building Institute (NBI) E-Benchmark <sup>TM</sup> Energy	Jeff Harris, LBNL
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4-07-04  Update on Senator Jeffords draft bill, High- Performance Green Building Act and Executive Order 13327, Federal Real Property Management  Beth Shearer and Phil Wirdzeck, Former Federal Representatives  Update on the Activities of the Interagency Sustainability Working Group's Sub-Working Group, Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings	4-07-04		John Howard, OFEE
Performance Green Building Act and Executive Order 13327, Federal Real Property Management  4-07-04  Update on the Activities of the Interagency Sustainability Working Group's Sub-Working Group, Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings  Former Federal Representatives  Dennis Talton, NAVFAC	4-07-04	Green Seal's Work with Federal Facilities	Arthur B. Weissman, Green Seal
Sustainability Working Group's Sub-Working Group, Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings	4-07-04	Performance Green Building Act and Executive Order	•
Date Topic Speaker	4-07-04	Sustainability Working Group's Sub-Working Group, Memorandum of Understanding (MOU) for Federal	Dennis Talton, NAVFAC
<u> </u>	Date	Topic	Speaker

6-02-04	Update on U.S. Green Building Council Activities	Christopher Payne, LBNL
6-02-04	Department of Defense's Construction Guide	Teresa Pohlman, Pentagon Renovation Office and Michael Pulaski, Michael Horman, and David Riley Pennsylvania State University
6-02-04	Department of Defense's Life Cycle Costing for Materials	Teresa Pohlman from the Pentagon Renovation
6-02-04	Office of the Environmental Executive Federal Green Building Council's Federal Green Building Survey	Cathy Broad, OFEE
6-02-04	Update on the Activities of the Interagency Sustainability Working Group's Sub-Working Group, Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings	Dennis Talton, NAVFAC
10-06-04	OMB-A-11 Language	Linda Mesaros, Mesaros Associates
10-06-04	Technology Transfer, Accelerating Market Penetration in the Federal Sector	Brad Gustafson, FEMP
10-06-04	Tech Transfer Efforts with Building De-Construction	Ed Engbert, U.S. Army's Fort Gordon Facility Reduction Program (FRP).
10-06-04	DOD's Pentagon Renovation and Construction Program's Sustainable Decision Making and Effective, Paperless LEED Documentation process	Teresa Pohlman, Pentagon Renovation Office
10-06-04	Update on the Whole Building Design Guide	Earle Kennet, National Institute of Building Sciences (NIBS)
12-01-04	Federal portal for High-Performance Buildings Database	Anne Crawley of FEMP
12-01-04	Sustainable Development and Society Report	Jonathan Herz, GSA
12-01-04	Building Design and Construction Magazine - featuring articles on sustainability including language complimentary of the ISWG as well as highlights of GSA and EPA sustainable projects	Beverly Dyer, FEMP Don Horn, GSA Cathy Berlow, EPA
12-01-04	Agency Reports to ISWG on the Progress of the Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings	Dennis Talton, NAVFAC
2-02-05	Study Examining Lessons Learned from Six high- performance Federal buildings	Dru Crawley, DOE
2-02-05	U.S. Green Building Council Update	Nigel Howard, USGBC
2-02-05	Work in Progress on a Practical Life Cycle Assessment (LCA) Web-Tool to Support Design for Environment (DfE) and Environmentally Preferable Purchasing (EPP) Tools	Robert Watson, (IDCE) and Senior Scientist Natural Resources Defense Council /Gregory Norris, President, Sylvatica /Visiting Scientist, Harvard School of Public Health
Date	Topic	Speaker

10-05-05	Protocols and Indicators on the Whole Building Design Guide	Joel Todd, Environmental Consultant
10-05-05	Technical Guidance Accompanying Federal Leadership in High Performance and Sustainable Buildings Memorandum of Understanding	Beverly Dyer, FEMP
10-05-05	Update on the Memorandum of Understanding (MOU) for Federal Leadership in High Performance and Sustainable Buildings, the impacts of the Energy Policy Act of 2005, and the January 2006 Federal White House Summit	Ed Pinero, Federal Environmental Executive, Federal Green Building Council
6-01-05	NCTC Tour	Steve Chase, NCTC
6-01-05	Address from the Office of the Federal Environmental Executive	Juan Lopez, OFEE
6-01-05	Increasing building occupants' health and productivity through better engineering and NASA's sustainability program	Bill Brodt, Facilities Engineering and Real Property Division of the National Aeronautics and Space Administration (NASA).
6-01-05	Overview on the Green Building Initiative/Green Globes	Vicki Worden, Green Building Initiative and Jiri Skopek, ECD Energy and Environment
6-01-05	Location selection process for NCTC in Shepherdstown, WV	Steve Chase, NCTC
6-01-05	Energy-saving features of the NCTC in Shepherdstown, West Virginia	David Guthrie, U.S. Fish and Wildlife Service
6-01-05	Overview of the National Conservation Training Center (NCTC), including a description of its design and purpose	Rick Lemon, Director, NCTC
6-01-05	Presentation Tour on the USDA Headquarters Green Roof Technology	Ed Murtagh, USDA
4-06-05	Address from the Office of the Federal Environmental Executive	Ed Pinero, Federal Environmenta Executive, Federal Green Building Council
4-06-05	Standard Embassy Design Meets LEED	Donna McIntire, DOS
4-06-05	Overview on Athena Institute, life cycle assessment tools, the U.S. LCI, database project, the building assessment and rating systems, and life cycle assessment in LEED and Green Globes	Wayne Trusty, Athena Institute
2-02-05	Address from the Office of the Federal Environmental Executive	Ed Pinero, Federal Environmenta Executive, Federal Green Building Council
2-02-05	Agency Reports to ISWG on the Progress of the Memorandum of Understanding (MOU) for Federal Leadership in High-Performance Buildings	Dennis Talton, NAVFAC

Initiatives   Management and Budget		Federal Energy Management Advisory Committee	Cyndi Vallina, Office of
Berkeley National Laboratory   Iz-07-05   U.S. Green Building Council (USGBC) Updates and Initiatives   Izoel Todd, Environmental Consultant Tom Dietsche, USGBC			Management and Budget
12-07-05   LEED for New Construction Application Guide for Multiple Buildings and On-Campus Building Projects (AGMBC)   Tom Dietsche, USGBC	12-07-05	ENERGY STAR® and FEMP-designated products	
Initiatives	12-07-05	U.S. Green Ruilding Council (USGRC) Undates and	
Tom Dietsche, USGBC			
12-07-05  ILEED for New Construction Application Guide for Multiple Buildings and On-Campus Building Projects (AGMBC)  12-07-05  Update on Federal Leadership in High Performance and Sustainable Buildings Memorandum of Understanding and the January 2006 Federal White House Summit  12-07-05  Technical Guidance Accompanying Federal Leadership in High Performance and Sustainable Buildings Memorandum of Understanding  2-01-06  Opening Remarks by FEMP Program Director  2-01-06  Farewell from Beverly Dyer, Former ISWG Chair  2-01-06  ANVFAC's Study on Implementing the 2005 Energy Policy Act with a Focus on Energy Requirements  2-01-06  DOE and EPA EPAct 2005 Agency Initiated Studies  Bucky Green, EPA Paul Mathew, LBNL Otto Van Geet, NREL Will Lintner, FEMP  2-01-06  Draft New Federal Building Standard that Incorporates New Requirements Under EPAct 2005  2-01-06  Technical Guidance Accompanying the Memorandum of Understanding for Federal Leadership in High Performance and Sustainable Buildings  2-01-06  Update on the Memorandum of Understanding Federal Leadership in High Performance and Sustainable Buildings  2-01-06  Federal Energy Management Advisory Committee Activities / Sustainable Design Working Group  4-05-06  Technical Guidance Accompanying the Memorandum of Understanding for Federal Leadership in High Performance and Sustainable Buildings  4-05-06  High-Performance Federal Buildings Database  Anne Crawley, FEMP Sara Farar-Nagy, FEMP Don Horn, GSA Ken Sandler, EPA Dennis Talton, NAVFAC		muures	
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4-05-06	Update on the Memorandum of Understanding Federal Leadership in High Performance and Sustainable	Juan Lopez, OFEE
6-14-06	Buildings   National Building Museum Tour: The Green House,   New Directions in Sustainable Architecture and Design	Jaime Van Mourik, National Building Museum
6-14-06	Technical Guidance Accompanying the Memorandum of Understanding for Federal Leadership in High Performance and Sustainable Buildings	Alison Kinn Bennett, EPA
6-14-06	Draft Model Implementation Plan on the Memorandum of Understanding Federal Leadership in High Performance and Sustainable Buildings and OFEE May 16-17 Retreat	Anne Crawley, FEMP Juan Lopez, OFEE
9-16-06	SFGreenPrint	Mark Palmer, Municipal Green Building Coordinator, San Francisco Department of Environment
9-16-06	USGBC LEED 3.0	Joel Todd, Environmental Consultant/ Vice Chair of USGBC's LEED Steering Committee Tom Hicks, Vice Chair, USGBC LEED
9-16-06	Executive Order on Enhancing Government Performance through Effective Environmental, Energy, and Fleet Management	Ed Pinero, OFEE
9-16-06	Model Sustainable Building Program Implementation Plan and Proposed 2006-2010 OMB Scorecard Standards for Success	Alison Kinn Bennett, EPA / on detail with OFEE
11-21-06	ISWG Planning Activities for 2007 and Beyond	Anne Crawley, FEMP
11-21-06	Federal Real Property Asset Management	Cyndi Vallina, OMB Angella Donatelli, OMB
11-21-06	Model Sustainable Building Program Implementation Plan and Proposed 2006-2010 OMB Scorecard Standards for Success	Alison Kinn Bennett, EPA / on detail with OFEE
11-21-06	Federal Building Standard - Section 109 of EPACT 2005	Cyrus Nasseri, FEMP
	Evaluating the Energy Performance of the First Generation of LEED-Certified Commercial Buildings	Christopher Payne, LBNL
1-23-07	Incorporating the Data Collection Protocol and the MOU Guiding Principles into the High Performance Buildings Database	Sara Farrar-Nagy, NREL
1-23-07	Feedback on ISWG Priorities for 2007and ISWG Newsletter	Matthew Gray, FEMP
1-23-07	White Paper on Sustainability and Water Used to Achieve Energy Efficiency – Notice of Proposed Rulemaking for Federal Buildings; Call for Subcommittee	Matthew Gray, FEMP
Date	Topic	Speaker

3-13-07	LEED Update	Joe Maheady, USGBC
3-13-07	Update on EO 13423 with an emphasis on the High Performance and Sustainable Buildings MOU	Anne Crawley, FEMP and Alison Kinn-Bennett, EPA
3-13-07	White Paper on Sustainability and Water Used to Achieve Energy Efficiency – Notice of Proposed Rulemaking for Federal Buildings; Call for Subcommittee	Matthew Gray, FEMP
3-13-07	USGBC Washington DC Headquarters Office Suite LEED Platinum Tour	Rhiannon C. Jacobsen, USGBC